

Attorney's Docket:  
017575.0494  
(TAMUS 1059)

04-17-08

1 *FE* *DAE*  
PATENT  
09/293,536



1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Benito R. Fernandez  
Serial No.: 09/293,536  
Filing Date: April 15, 1999  
Group Art Unit: 2764  
Examiner: Elias Desta  
Confirmation No.: 5006  
Title: SYSTEM AND METHOD FOR CONDITION  
ASSESSMENT AND END-OF-LIFE PREDICTION

**Mail Stop Petitions**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**PETITION FOR CORRECTION OF INVENTORSHIP IN A  
PATENT APPLICATION PURSUANT TO 37 C.F.R. § 1.48(a)**

Applicant submits this Petition pursuant to 37 C.F.R. § 1.48 to correct the original naming of inventors. Applicant respectfully requests that the application be amended to state the true inventive entity. Please add the following previously unnamed person as joint inventor of the above-identified patent application:

**Alexander G. Parlos**

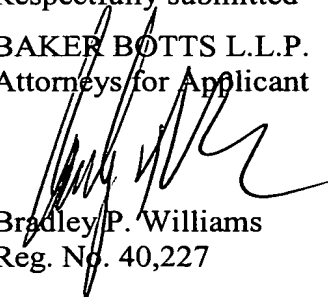
Submitted with this Petition are the following papers:

1. Consent of Assignee The Texas A&M University System to Correction of Inventorship in a Patent Application Pursuant to 37 C.F.R. § 1.48(b)(5);
2. Consent of Assignee The University of Texas to Correction of Inventorship in a Patent Application Pursuant to 37 C.F.R. § 1.48(b)(5);
3. Statement of Omitted Inventor in Support of the Petition for Correction of Inventorship in a Patent Application Pursuant to 37 C.F.R. § 1.48(a)(2);

4. A Replacement Declaration signed by Benito R. Fernandez and Alexander G. Parlos pursuant to 37 C.F.R. § 1.48(a)(3);
5. Power of Attorney (and Statement Pursuant to 3.73(b)) signed by The Texas A&M University System;
6. Power of Attorney (and Statement Pursuant to 3.73(b)) signed by The University of Texas;
7. A copy of the Assignment from Benito R. Fernandez to The Texas A&M University System for the above-referenced patent application recorded on April 11, 2008 and found at Reel 020788 and Frame 0048.
8. A copy of the Assignment from Alexander G. Parlos to The Texas A&M University System for the above-referenced patent application recorded on April 11, 2008 and found at Reel 020787 and Frame 0888.

The Commissioner is hereby authorized to charge the \$130.00 Petition fee. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-0384 of Baker Botts, L.L.P.

Respectfully submitted  
BAKER BOTTS L.L.P.  
Attorneys for Applicant



Bradley P. Williams  
Reg. No. 40,227

Customer Number: 05073

Date: 4/14/08



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Benito R. Fernandez  
Serial No.: 09/293,536  
Filed: April 15, 1999  
Group No.: 2764  
Examiner: Elias Desta  
Confirmation No.: 5006  
Title: SYSTEM AND METHOD FOR CONDITION ASSESSMENT  
AND END-OF-LIFE PREDICTION

**Mail Stop PETITIONS**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Petition for Correction of Inventorship in a Patent Application (two (2) pages), Consent of Assignee for Correction of Inventorship – The Texas A&M University System (two (2) pages), Consent of Assignee for Correction of Inventorship – The University of Texas System (two (2) pages), Statement of Omitted Inventor in Support of the Petition for Correction of Inventorship (two (2) pages), Replacement Declaration of Inventors (three (3) pages), Power of Attorney of The Texas A&M University System (two (2) pages), Power of Attorney of The University Texas System (two (2) pages), copy of Assignment from Benito Fernandez to The Texas A&M University System (five (5) pages), and copy of Assignment from Alexander Parlos to The Texas A&M University System (five (5) pages), are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on this 15th day of April 2007 addressed to Mail Stop ISSUE FEE, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Willie Jiles*

Willie Jiles

Express Mail Receipt  
No. EV 323318104 US

ATTORNEY DOCKET NO.  
017575.0494

PATENT  
09/293,536

1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Benito R. Fernandez  
Serial No.: 09/293,536  
Filing Date: April 15, 1999  
Group Art Unit: 2764  
Examiner: Unknown  
Title: SYSTEM AND METHOD FOR CONDITION  
ASSESSMENT AND END-OF-LIFE PREDICTION

Mail Stop **Petitions**  
Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CONSENT OF ASSIGNEE FOR CORRECTION OF INVENTORSHIP**

**UNDER 37 C.F.R. § 1.48(a)**

I, Guy K. Diedrich, Vice Chancellor of the Office of Technology Commercialization of The Texas A&M University System, represent that The Texas A&M University System, having a place of business at Technology Commercialization Center, 3369 TAMU, College Station, TX 77803-3369, is the assignee and the co-owner of the entire right, title, and interest of, in, and to U.S. Application Serial No. 09/293,536, filed April 15, 1999, SYSTEM AND METHOD FOR CONDITION ASSESSMENT AND END-OF-LIFE PREDICTION, as evidenced by the copy of the Assignment attached hereto; that I am empowered to act on behalf of The Texas A&M University System, that I have reviewed the evidentiary documentation and certify that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

The Texas A&M University System hereby consents to the correction of inventorship filed herewith.

ATTORNEY DOCKET NO.  
017575.0494

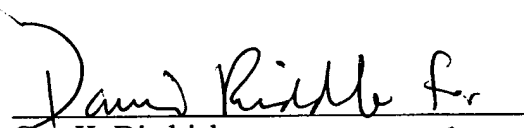
PATENT  
09/293,536

2

The above stated facts are true to the extent based on my personal knowledge and are otherwise believed to be true. These statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Executed this 6th day of March, 2006 at College Station, Texas,  
U.S.A.

Date: \_\_\_\_\_

  
\_\_\_\_\_  
Guy K. Diedrich  
Vice Chancellor of the Office of  
Technology Commercialization  
The Texas A&M University System



ATTORNEY DOCKET NO.  
017575.0494

PATENT  
09/293,536

1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Benito R. Fernandez  
Serial No.: 09/293,536  
Filing Date: April 15, 1999  
Group Art Unit: 2764  
Examiner: Unknown  
Title: SYSTEM AND METHOD FOR CONDITION  
ASSESSMENT AND END-OF-LIFE PREDICTION

Mail Stop Petitions  
Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CONSENT OF ASSIGNEE FOR CORRECTION OF INVENTORSHIP**

**UNDER 37 C.F.R. § 1.48(a)**

I, Barry D. Burgdorf, Vice Chancellor and General Counsel for The University of Texas System, represent that The University of Texas System, having a place of business at 201 West 7th Street, Austin, Texas 78701, is the assignee and the co-owner of the entire right, title, and interest of, in, and to U.S. Application Serial No. 09/293,536, filed April 15, 1999, SYSTEM AND METHOD FOR CONDITION ASSESSMENT AND END-OF-LIFE PREDICTION, as evidenced by the copy of the Assignment attached hereto; that I am empowered to act on behalf of The University of Texas System, that I have reviewed the evidentiary documentation and certify that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

The University of Texas System hereby consents to the correction of inventorship reflected in the Replacement Declaration of Inventors filed herewith.

ATTORNEY DOCKET NO.  
017575.0494

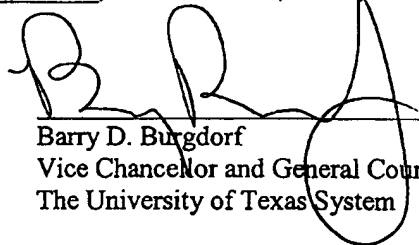
PATENT  
09/293,536

2

The above stated facts are true to the extent based on my personal knowledge and are otherwise believed to be true. These statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Executed this 1<sup>st</sup> day of October, 2007 at Austin, Texas, U.S.A.

Date: 10/01/2007

  
\_\_\_\_\_  
Barry D. Burgdorf  
Vice Chancellor and General Counsel  
The University of Texas System



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Benito R. Fernandez  
Serial No.: 09/293,536  
Filing Date: April 15, 1999  
Group Art Unit: 2764  
Examiner: Unknown  
Title: SYSTEM AND METHOD FOR CONDITION  
ASSESSMENT AND END-OF-LIFE PREDICTION

Mail Stop Petitions  
Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**STATEMENT OF OMITTED INVENTOR IN SUPPORT OF THE PETITION FOR  
CORRECTION OF INVENTORSHIP IN A PATENT APPLICATION  
PURSUANT TO 37 C.F.R. 1.48(a)(1)**

I, Alexander G. Parlos, declare and state the following:

1. I have reviewed and understand the contents of the above-identified patent application, drawings, and claims. I submit this statement in support of the Petition for Correction of Inventorship in a Patent Application Pursuant to 37 C.F.R. § 1.48(a).
2. My name was omitted from the above-identified application for a patent and this error was without deceptive intent on my part.



ATTORNEY DOCKET NO.  
017575.0494

PATENT  
09/293,536

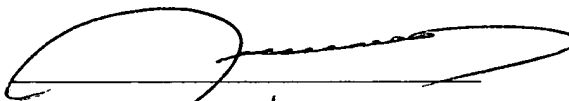
2

Executed this 27<sup>th</sup> day of February, 2006, at College Station  
                    , Texas.

Full name of the  
omitted Inventor:

Alexander G. Parlos

Inventor's Signature:



Date:

2/27/2006

Residence  
City, County, State):

College Station, Brazos County, Texas 77840

Post Office Address:

2533 Crosstimber, College Station, Texas 77840

ATTORNEY DOCKET NO.  
017575.0494 (TAMUS 1059)

PATENT ASSIGNMENT  
USSN 09/293,536



### REPLACEMENT DECLARATION OF INVENTOR

As a below named inventor, I declare:

That my residence, post office address and citizenship are as stated below next to my name; and that I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention or design entitled SYSTEM AND METHOD FOR CONDITION ASSESSMENT AND END-OF-LIFE PREDICTION, the specification of which was filed on April 15, 1999, as Application Serial No. 09/293,536.

That I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; and that I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

<u>Application Serial Number</u>	<u>Date</u>	<u>Status</u>
--------------------------------------	-------------	---------------

I hereby claim the benefit under Title 35, United States Code, § 119 of any United States provisional application(s) listed below:

<u>Application No.</u>	<u>Filing Date</u>
60/081,848	April 15, 1998

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

ATTORNEY DOCKET NO.  
017575.0494 (TAMUS 1059)

PATENT ASSIGNMENT  
USSN 09/293,536

Send Correspondence To:

Practitioners at Customer Number:

05073

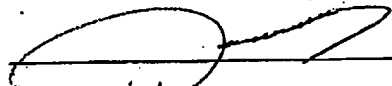
Direct Telephone Calls To:

Bradley P. Williams  
at 214.953.6447  
Atty. Docket No. 017575.0494

Full name of inventor:

Alexander G. Parlos

Inventor's signature

  
8/7/07

Date

Residence (City, County, State)  
Citizenship  
Post Office Address

College Station (Brazos County) Texas  
~~College~~ U.S.  
~~2532 Crossin~~ PO Box 10535  
College Station, Texas 77840-77842

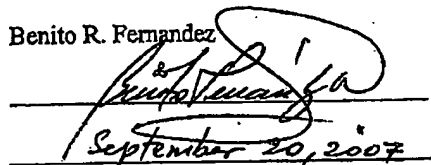
ATTORNEY DOCKET NO.  
017575.0494 (TAMUS 1059)

PATENT DECLARATION  
USSN 09/293,536

Full name of inventor:

Benito R. Fernandez

Inventor's signature

  
\_\_\_\_\_

Date

September 20, 2007

Residence (City, County, State)  
Citizenship  
Post Office Address

Austin (Travis County) Texas  
United States of America  
3112 Thousand Oaks Drive  
Austin, Texas 78746

ATTORNEY DOCKET NO.  
017575.0494 (TAMUS 1059)

PATENT APPLICATION  
Serial No. 09/293,536

1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Benito R. Fernandez, et al.  
Serial No.: 09/293,536  
Filing Date: April 15, 1999  
Group Art Unit: 2764  
Examiner: Unknown  
Title: **SYSTEM AND METHOD FOR CONDITION  
ASSESSMENT AND END-OF-LIFE PREDICTION**

**Mail Stop PETITIONS**  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

POWER OF ATTORNEY (AND STATEMENT PURSUANT TO 3.73(b))

I, Guy K. Diedrich, Vice Chancellor of the Office of Technology Commercialization of The Texas A&M University System, represent as follows:

that The Texas A&M University System, is the assignee and the co-owner of the entire right, title, and interest of, in, and to the above-identified Application as evidenced by a copy of the assignment document attached herewith; and

that I am empowered to act on behalf of The Texas A&M University System.

I hereby appoint:

the practitioners at Customer Number **05073**

all of the firm of BAKER BOTTS L.L.P., my attorneys/agents with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities.

Send Correspondence To:

Practitioners at Customer Number 05073

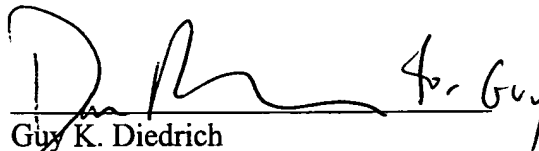
Direct Telephone Calls To:

Bradley P. Williams  
at (214) 953-6447  
DOCKET NO.: **017575.0494 (TAMUS 1059)**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

THE TEXAS A&M UNIVERSITY SYSTEM



Guy K. Diedrich  
Vice Chancellor of the Office of  
Technology Commercialization  
The Texas A&M University System

Date: March 6, 2006

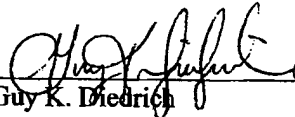


Texas A&M University

## Memorandum

**TO:** Technology Licensing Office Staff  
**DATE:** August 1, 2005  
**SUBJECT:** Delegation of Authority

I hereby delegate authority on behalf of the Texas A&M University System (A&M System) to David Riddle, Financial Manager, Technology Commercialization Center to execute all documents, including but not limited to legal documents, release documents, and all other business correspondence in my absence on behalf of the Technology Licensing Office of the A&M System.

  
Guy K. Friedrich  
Managing Director  
Technology Commercialization Center

8/1/05  
Date

GKD/arp

xc: Dr. Richard Ewing  
Mr. James Hooton  
Mr. Greg Foxworth  
Ms. Annette Shenkir  
Mr. Warren DeLuca



Texas A&M University

1000 TAMU

Waco, Texas 76798

Phone: 817/257-1000

College Station, Texas

37921-3200

Fax: 817/257-1000

http://www.tamu.edu



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Benito R. Fernandez, et al.  
Serial No.: 09/293,536  
Filing Date: April 15, 1999  
Group Art Unit: 2764  
Examiner: Unknown  
Title: **SYSTEM AND METHOD FOR CONDITION  
ASSESSMENT AND END-OF-LIFE PREDICTION**

**Mail Stop PETITIONS**  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

POWER OF ATTORNEY (AND STATEMENT IN A PATENT APPLICATION  
PURSUANT TO 3.73(b))

I, Barry D. Burgdorf, Vice Chancellor and General Counsel for the Board of Regents,  
The University of Texas System, represent as follows:

that the Board of Regents, The University of Texas System, is the assignee and the  
co-owner of the entire right, title, and interest of, in, and to the above-identified Application  
as evidenced by a copy of the assignment document attached herewith; and

that I am empowered to act on behalf of the Board of Regents, The University of  
Texas System.



I hereby appoint:

the practitioners at Customer Number **05073**

all of the firm of BAKER BOTTS L.L.P., my attorneys/agents with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities.

Send Correspondence To:

Practitioners at Customer Number 05073

Direct Telephone Calls To:

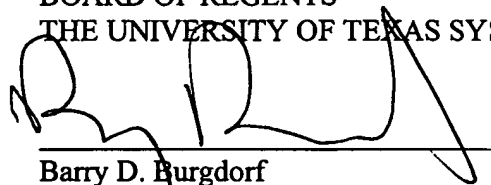
Bradley P. Williams  
at (214) 953-6447

DOCKET NO.: 017575.0494 (TAMUS 1059)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

BOARD OF REGENTS  
THE UNIVERSITY OF TEXAS SYSTEM



Barry D. Burgdorf  
Vice Chancellor and General Counsel  
Board of Regents  
The University of Texas System  
201 West 7<sup>th</sup> Street  
Austin, Texas 78701

Date: March 28, 2008



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



\*500511223A\*

APRIL 11, 2008

PTAS

BRADLEY P. WILLIAMS  
2001 ROSS AVENUE, 6TH FLOOR  
BAKER BOTTS L.L.P.  
DALLAS, TX 75201

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 04/11/2008

REEL/FRAME: 020788/0048  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 017575.0494

ASSIGNOR:

FERNANDEZ, BENITO R.

DOC DATE: 02/05/2008

ASSIGNEE:

THE TEXAS A&M UNIVERSITY SYSTEM  
3369 TAMU  
COLLEGE STATION, TEXAS 77843-3369

SERIAL NUMBER: 09293536

FILING DATE: 01/29/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR CONDITION ASSESSMENT AND END-OF-LIFE  
PREDICTION

020788/0048 PAGE 2

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

04/11/2008  
500511223

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Benito R. Fernandez	02/05/2008
RECEIVING PARTY DATA	
Name:	The Texas A&M University System
Street Address:	3369 TAMU
City:	College Station
State/Country:	TEXAS
Postal Code:	77843-3369
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	09293536
CORRESPONDENCE DATA	
Fax Number:	(214)661-4559
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	214.953.6559
Email:	glenda.orrantia@bakerbotts.com
Correspondent Name:	Bradley P. Williams
Address Line 1:	2001 Ross Avenue, 6th Floor
Address Line 2:	Baker Botts L.L.P.
Address Line 4:	Dallas, TEXAS 75201
ATTORNEY DOCKET NUMBER:	017575.0494
NAME OF SUBMITTER:	Glenda J. Orrantia
Total Attachments: 2 source=Fernandez536#page1.tif source=Fernandez536#page2.tif	

CH \$40.00 09293536

ASSIGNMENT

**WHEREAS**, I, the undersigned joint inventor of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been filed on April 15, 1999 under Serial number 09/293,536, entitled *System and Method for Condition Assessment and End-of-Life Prediction*; and

**WHEREAS**, the Board of Regents, The University of Texas System (hereinafter referred to as "Assignee"), a non-profit organization and an agency of the State of Texas, with an address of 201 West 7<sup>th</sup> Street, Austin, Texas 78701, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in

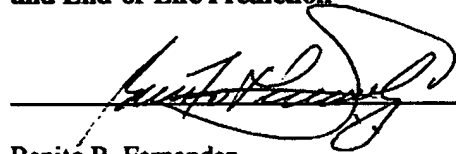
Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

**System and Method for Condition Assessment  
and End-of-Life Prediction**

Signature of Joint Inventor:

A handwritten signature in black ink, appearing to read "Benito R. Fernandez", is written over a horizontal line.

Inventor's Name:  
Residence (City, County, State)

Benito R. Fernandez  
Austin (Travis County), Texas

Date Assignment executed

Feb 5, 2008



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



\*500511211A\*

APRIL 11, 2008

PTAS

BRADLEY P. WILLIAMS  
2001 ROSS AVENUE, 6TH FLOOR  
BAKER BOTTS L.L.P.  
DALLAS, TX 75201

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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DOC DATE: 02/27/2006

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TITLE: SYSTEM AND METHOD FOR CONDITION ASSESSMENT AND END-OF-LIFE  
PREDICTION

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ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION



PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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Alexander G. Parlos	02/27/2006
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	09293536
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ATTORNEY DOCKET NUMBER:	017575.0494
NAME OF SUBMITTER:	Glenda J. Orrantia
Total Attachments: 2 source=Parlos536#page1.tif source=Parlos536#page2.tif	

CH \$40.00 09293536

ASSIGNMENT

**WHEREAS**, I, the undersigned joint inventor of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been filed on April 15, 1999 under Serial number 09/293,536, entitled *System and Method for Condition Assessment and End-of Life Prediction*; and

**WHEREAS**, The Texas A&M University System (hereinafter referred to as "Assignee"), a non-profit organization and an agency of the State of Texas, with an address of 707-A Texas Avenue, Suite 201, College Station, Texas 77840, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in

Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

**System and Method for Condition Assessment  
and End-of-Life Prediction**

Signature of Joint Inventor:



Inventor's Name:  
Residence (City, County, State)

Alexander G. Parlos  
College Station (Brazos County), Texas

Date Assignment executed

2/27/2006